

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only

<p>Work Order: _____</p> <p>Part No. _____</p> <p>NCR No. _____</p>	DISPOSITION <input type="checkbox"/> Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved	AGAINST DEPARTMENT/PROCESS <input type="checkbox"/> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab	<input type="checkbox"/> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite	<input type="checkbox"/> Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier	<input type="checkbox"/> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other
---	--	---	--	--	--

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear	General		
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Folio/Program	<input type="checkbox"/> Outside Dimensions
<input type="checkbox"/> Centre Not Concentric	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Grain	<input type="checkbox"/> Pressure/Forced
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damage/Defect	<input type="checkbox"/> Hardware	<input type="checkbox"/> Set-up
<input type="checkbox"/> Crimp/Kink/Ripple/Wave	<input type="checkbox"/> Burrs	<input type="checkbox"/> Inspection Incomplete/Unqualified	<input type="checkbox"/> Temperature/Cure
<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Instructions Incomplete/Unclear	<input type="checkbox"/> Weld
<input type="checkbox"/> Crushing	<input type="checkbox"/> Countersink	<input type="checkbox"/> Misaligned/off center	<input type="checkbox"/> Wrong Stock Pulled
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Mislabeled	<input type="checkbox"/> Other
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Drawing	<input type="checkbox"/> Misread	
<input type="checkbox"/> Marks/Chatter	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Off-set	
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Calibration	
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Fit/Function	<input type="checkbox"/> Out of Sequence	

DQA: _____ Date: _____

Date:



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order update only

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
Part No. _____			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
NCR No. _____			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Suspected Unapproved <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Design											
Doc/Data											
Equip/Tooling											
Handling/Pre											
Material											
Operator											
Offset/Setup											
Process											
Supplier											
Training											
Transport											
Unapproved											
FAULT CATEGORY											
Landing Gear			General								
Bending	Bend	Folio/Program	Outside Dimensions	Pressure/Forced							
Centre Not Concentric	BOM/Route	Grain	Over/Under tolerance	Set-up							
Cracks	Broken/Damage/Defect	Hardware	Part Incorrect	Temperature/Cure							
Crimp/Kink/Ripple/Wave	Burrs	Inspection Incomplete/Unqualified	Part Lost/Missing	Weld							
Cuffs	Contamination	Instructions Incomplete/Unclear	Part Moved	Wrong Stock Pulled							
Crushing	Countersink	Misaligned/off center	Positioned Wrong								
Heat Treat	Cut Too Short	Mislabeled	Power Loss/Surge								
Inspection Strip in Tube	Drawing	Misread									
Marks/Chatter	Drill Holes	Off-set									
Turning Sequence	Finish	Out of Calibration									
Wave/Twist in Tube	Fit/Function	Out of Sequence									

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only

Work Order: _____	DISPOSITION	AGAINST DEPARTMENT/PROCESS							
Part No. _____	Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>				
NCR No. _____									

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear	General			
Bending	Bend <input type="checkbox"/>	Folio/Program <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>
Centre Not Concentric	BOM/Route <input type="checkbox"/>	Grain <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>	Set-up <input type="checkbox"/>
Cracks	Broken/Damage/Defect <input type="checkbox"/>	Hardware <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>
Crimp/Kink/Ripple/Wave	Burrs <input type="checkbox"/>	Inspection Incomplete/Unqualified <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>	Weld <input type="checkbox"/>
Cuffs	Contamination <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Part Moved <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>
Crushing	Countersink <input type="checkbox"/>	Misaligned/off center <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>	
Heat Treat	Cut Too Short <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Other <input type="checkbox"/>
Inspection Strip in Tube	Drawing <input type="checkbox"/>	Misread <input type="checkbox"/>		
Marks/Chatter	Drill Holes <input type="checkbox"/>	Off-set <input type="checkbox"/>		
Turning Sequence	Finish <input type="checkbox"/>	Out of Calibration <input type="checkbox"/>		
Wave/Twist in Tube	Fit/Function <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>		

Work Order ID 102946

102946

Page 4

June-12-13 9:17:14 AM

Item ID: 647.9314 Accept *N900040100* Setup Start *NS1*
Revision ID:
Item Name: Retainer Bracket Stop *NS2*
Start Date: 6/11/13 Start Qty: 5.00 *5* Cust Item ID:
Required Date: 6/11/13 Req'd Qty: 5.00 *5* Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
190 *190* QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00							<i>JH/PLB-09-23</i> <i>B-09-20</i>

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order update only

<p>Work Order: _____</p> <p>Part No. _____</p> <p>NCR No. _____</p>	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear	General		
Bending	Bend		Outside Dimensions
Centre Not Concentric	BOM/Route		Pressure/Forced
Cracks	Broken/Damage/Defect		Set-up
Crimp/Kink/Ripple/Wave	Burrs		Temperature/Cure
Cuffs	Contamination		Weld
Crushing	Countersink		Wrong Stock Pulled
Heat Treat	Cut Too Short		Other
Inspection Strip in Tube	Drawing		
Marks/Chatter	Drill Holes		
Turning Sequence	Finish		
Wave/Twist in Tube	Fit/Function		
	Folio/Program		
	Grain		
	Hardware		
	Inspection Incomplete/Unqualified		
	Instructions Incomplete/Unclear		
	Misaligned/off center		
	Mislabeled		
	Misread		
	Off-set		
	Out of Calibration		
	Out of Sequence		

Picklist Print

Page 1

June-12-13 9:17:13 AM

Work Order ID: 102946**Parent Item:** 647.9314**Parent Item Name:** Retainer Bracket**Start Date:** 6/11/13**Required Date:** 6/11/13**Start Qty:** 5.00**Required Qty:** 5.00**Comments:** IPP REV:A NEW ISSUE 12-11-19 JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
647.9314P Retainer Bracket		Purchased	No				Each	0.0000		5		1/3/10	
M7075T6B1.750X04.500 7075-T6 BAR 1.750" X 4.500"		Purchased	No				f	28.6070		3.631579			

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
MAT049	28.607	
124030	8.472	
124383	20.095	
124633	0.04	

3.631 MH. 13/06/14

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order update only

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS						
			Rework <input type="checkbox"/>	Scrap <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>			
			Use-as-is <input type="checkbox"/>	Suspected Unapproved <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>			
			Thermoforming <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Supplier <input type="checkbox"/>			
Part No. _____			NCR No. _____								

Root Cause		Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design										
Doc/Data										
Equip/Tooling										
Handling/Pre										
Material										
Operator										
Offset/Setup										
Process										
Supplier										
Training										
Transport										
Unapproved										

FAULT CATEGORY

Landing Gear		General									
<input type="checkbox"/>	Bending	<input type="checkbox"/>	Bend	<input type="checkbox"/>	Folio/Program	<input type="checkbox"/>	Outside Dimensions	<input type="checkbox"/>	Pressure/Forced		
<input type="checkbox"/>	Centre Not Concentric	<input type="checkbox"/>	BOM/Route	<input type="checkbox"/>	Grain	<input type="checkbox"/>	Over/Under tolerance	<input type="checkbox"/>	Set-up		
<input type="checkbox"/>	Cracks	<input type="checkbox"/>	Broken/Damage/Defect	<input type="checkbox"/>	Hardware	<input type="checkbox"/>	Part Incorrect	<input type="checkbox"/>	Temperature/Cure		
<input type="checkbox"/>	Crimp/Kink/Ripple/Wave	<input type="checkbox"/>	Burrs	<input type="checkbox"/>	Inspection Incomplete/Unqualified	<input type="checkbox"/>	Part Lost/Missing	<input type="checkbox"/>	Weld		
<input type="checkbox"/>	Cuffs	<input type="checkbox"/>	Contamination	<input type="checkbox"/>	Instructions Incomplete/Unclear	<input type="checkbox"/>	Part Moved	<input type="checkbox"/>	Wrong Stock Pulled		
<input type="checkbox"/>	Crushing	<input type="checkbox"/>	Countersink	<input type="checkbox"/>	Misaligned/off center	<input type="checkbox"/>	Positioned Wrong	<input type="checkbox"/>			
<input type="checkbox"/>	Heat Treat	<input type="checkbox"/>	Cut Too Short	<input type="checkbox"/>	Mislabeled	<input type="checkbox"/>	Power Loss/Surge	<input type="checkbox"/>	Other		
<input type="checkbox"/>	Inspection Strip in Tube	<input type="checkbox"/>	Drawing	<input type="checkbox"/>	Misread	<input type="checkbox"/>		<input type="checkbox"/>			
<input type="checkbox"/>	Marks/Chatter	<input type="checkbox"/>	Drill Holes	<input type="checkbox"/>	Off-set	<input type="checkbox"/>		<input type="checkbox"/>			
<input type="checkbox"/>	Turning Sequence	<input type="checkbox"/>	Finish	<input type="checkbox"/>	Out of Calibration	<input type="checkbox"/>		<input type="checkbox"/>			
<input type="checkbox"/>	Wave/Twist in Tube	<input type="checkbox"/>	Fit/Function	<input type="checkbox"/>	Out of Sequence	<input type="checkbox"/>		<input type="checkbox"/>			

**APICAL
INDUSTRIES, INC.**

ENGINEERING CHANGE NOTICE NO. 037-06

SHEET 1 OF 2

DWG NO. 647.9300

REV: N/C PREPARED
BY B. PETERS

DATE: 11/16/12

EFFECT ON DWG
 INC. UNINC.

DWG TITLE: BRACKETS

APPROVED BY:

ENGR *B. Peters*

MFG

Dawn

QC

SS

EFF: NEXT ORDER

TRANSACTION CODES (TC)
A-ADD C-CREATE
R-REVISE D-DELETE

REASON:

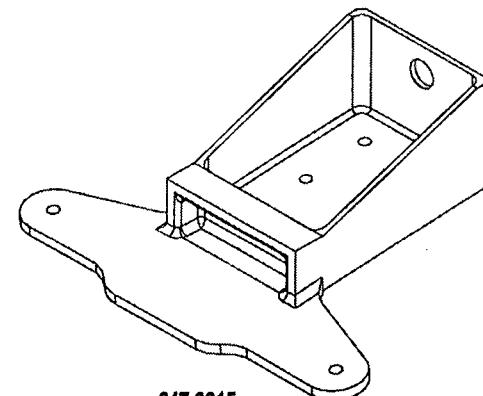
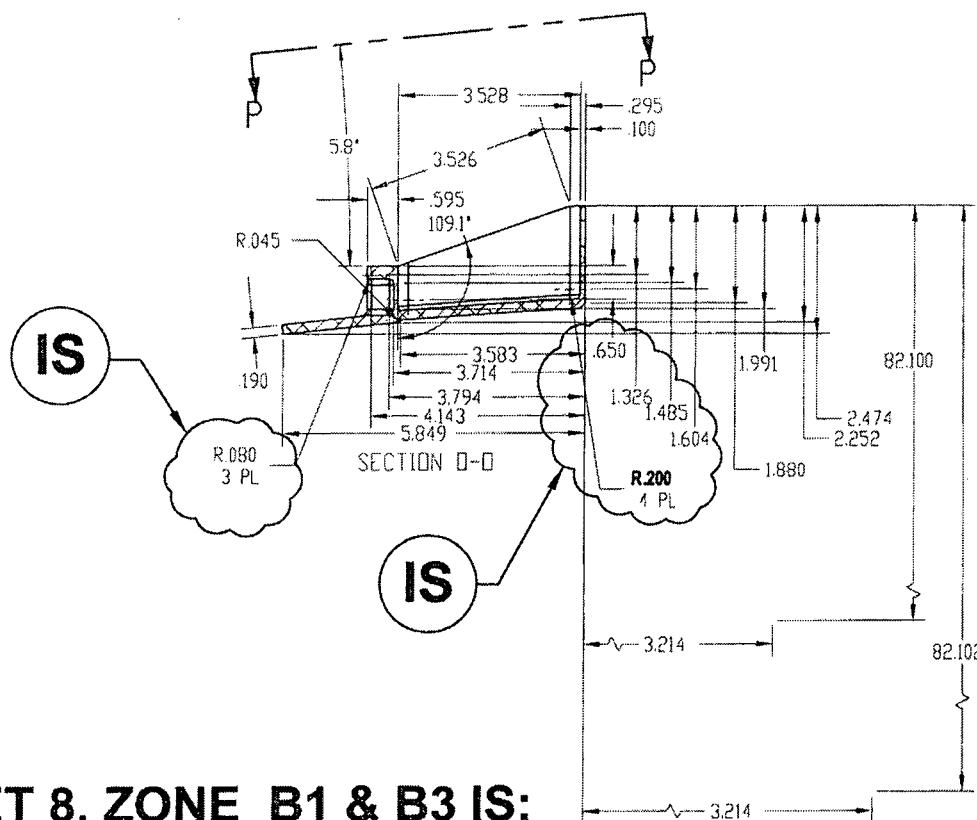
REVISED RADII ON 647.9315.

ECR:

D-12-012

SHEET 1, ZONE B4, NOTE 10 IS:

10 PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: 647.9315 RECEPTACLE BRACKET.SLDPRT, LAST MODIFIED 11-16-12.



SECTION 0-0
UNCONTRIBUTED COPY
SUBJECT TO APPROVAL
WHEN DRAWN
W.C. O. R.
NO. 102946 MLJ

13-06-13

SHEET 8, ZONE A7 IS:

SHEET 8, ZONE B1 & B3 IS:

DOCUMENTS EFFECTED:

RFMS MDL

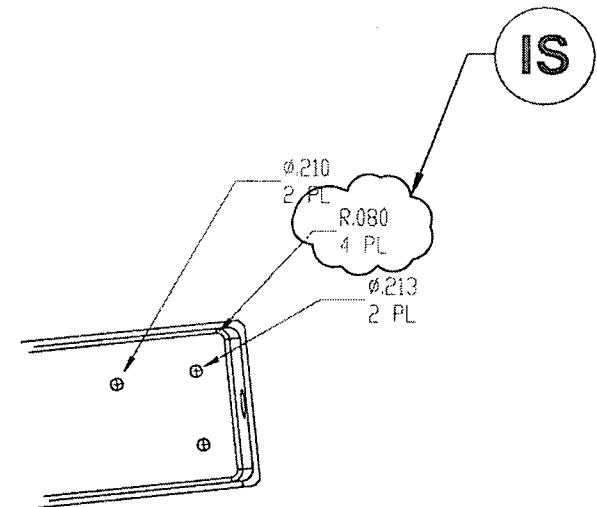
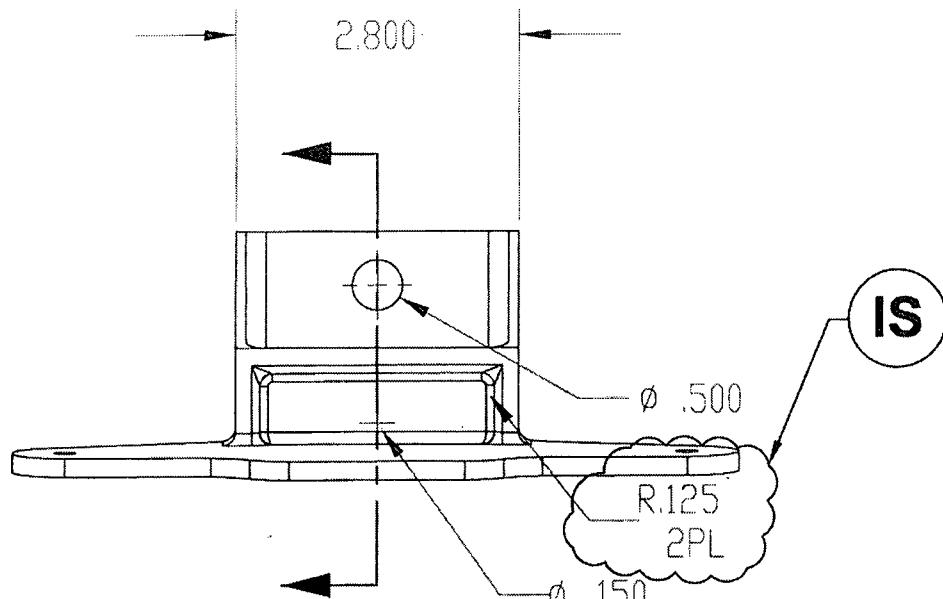
INSTALL INSTRUC

ICA

BOM MAJOR MINOR

CHANGE CATEGORY

DER REVIEW REQUIRED
 YES NO



SECTION P-P

SHEET 8, ZONE B6 IS:**SHEET 8, ZONE B8 IS:**

F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL/SPECIFICATION
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102946

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03209				SHEET 1 OF 2
	DWG NO. 647.9300	REV: N/C	PREPARED BY A QUAN	DATE: 11/09/11	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.
	DWG TITLE: BRACKET				
	APPROVED BY: ENGR <i>[Signature]</i>	MFG <i>David Barker</i>	QC <i>Marcel Lynn</i>	EFF: CURRENT ORDER AND STOCK	
	TRANSACTION CODES (TC)	REASON: REVISED HOLE LOCATIONS ON 647.9314, ADDED HOLE 647.9315			
	A-ADD C-CREATE R-REVISE D-DELETE				

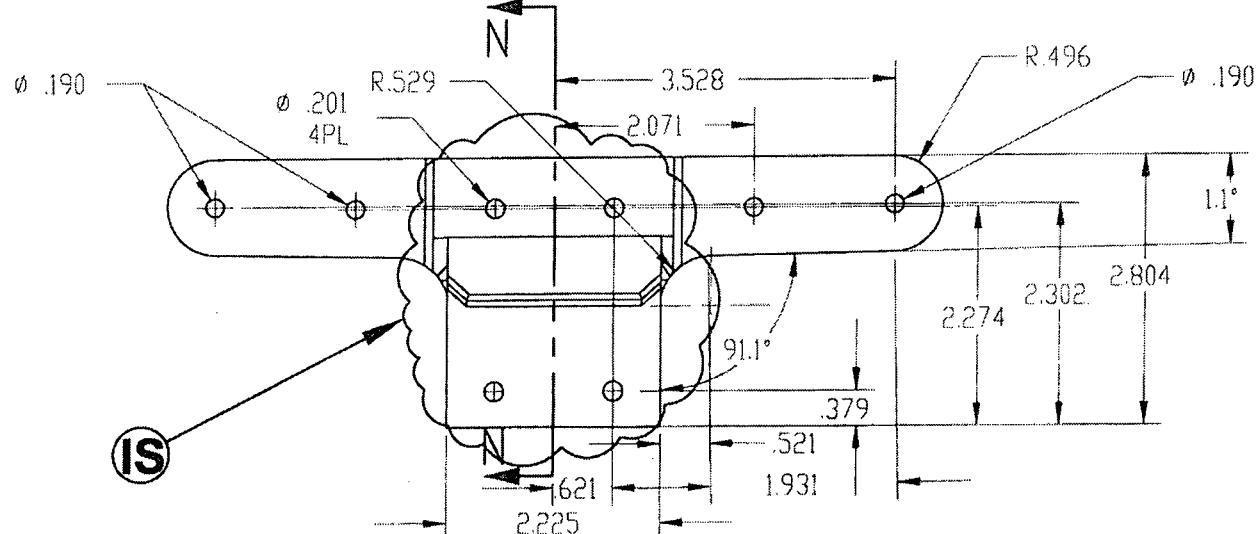
SHEET 1, ZONE B3:

NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12.
- FINISH: HARD ANODIZE LAW MIL-A-4625 TYPE B, CLASS 2, COLOR: BLACK
-PRETREAT PR-148 ADHESION PROMOTER, PRIME LAW MIL-P-3377J TYPE I, CLASS N.

- 3 DEBURR AND BREAK ALL SHARP EDGES
- 4 IDENTIFY LAW MPP-100 LASER ENGRAVE CENTURY GOTHIC, 12 POINT P/N AND REVISION
- 5 PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: 647.9310 LH BRACKET.SLDPRT, LAST MODIFIED 06-22-10
- 6 PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: 647.9311 SUPPORT BRACKET.SLDPRT, LAST MODIFIED 06-22-10
- 7 PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: 647.9312 BRACKET.SLDPRT, LAST MODIFIED 06-22-10
- 8 PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: 647.9313 BRACKET.SLDPRT, LAST MODIFIED 06-22-10
- 9 PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: 647.9314 RETAINER BRACKET.SLDPRT, LAST MODIFIED 09-26-11
- 10 PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: 647.9315 RECEPPIACIE BRACKET.SLDPRT, LAST MODIFIED 10-19-11
- 11 PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: 647.9316 LHSBAR BRACKET.SLDPRT, LAST MODIFIED 06-22-10
- 12 PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: 647.9317 RH BRACKET.SLDPRT, LAST MODIFIED 06-22-10

(IS)

SHEET 7, ZONE B4:

(IS)

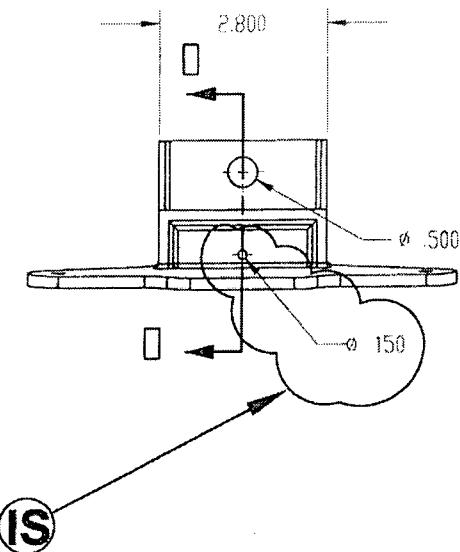
F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:				<input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input type="checkbox"/> BOM	<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	<input type="checkbox"/> DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

102946

APICAL INDUSTRIES, INC.

ENGINEERING CHANGE NOTICE NO. 03209

SHEET 8 OF 2

SHEET 8, ZONE B5:

F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL	SPECIFICATION

102946

NOTES UNLESS OTHERWISE SPECIFIED

MATERIAL: ALUMINUM 7075 T651 PER AMS-QQ-A-250/12.

FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR: BLACK;
PRETREAT PR-148 ADHESION PROMOTER, PRIME IAW MIL-P-23377J TYPE I, CLASS N.

3. DEBURR AND BREAK ALL SHARP EDGES.
4. IDENTIFY IAW MPP-120. LASER ENGRAVE CENTURY GOTHIC, 12 POINT P/N AND REVISION.

PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: 647.9310 LH BRACKET.SLDPRT, LAST MODIFIED 06-22-10.

PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: 647.9311 SUPPORT BRACKET.SLDPRT, LAST MODIFIED 06-22-10.

PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: 647.9312 BRACKET.SLDPRT, LAST MODIFIED 06-22-10.

PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: 647.9313 BRACKET.SLDPRT, LAST MODIFIED 06-22-10.

PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: 647.9314 RETAINER BRACKET.SLDPRT, LAST MODIFIED 06-22-10.

PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: 647.9315 RECEPTACLE BRACKET.SLDPRT, LAST MODIFIED 06-22-10.

PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: 647.9316 CROSSBAR BRACKET.SLDPRT, LAST MODIFIED 06-22-10.

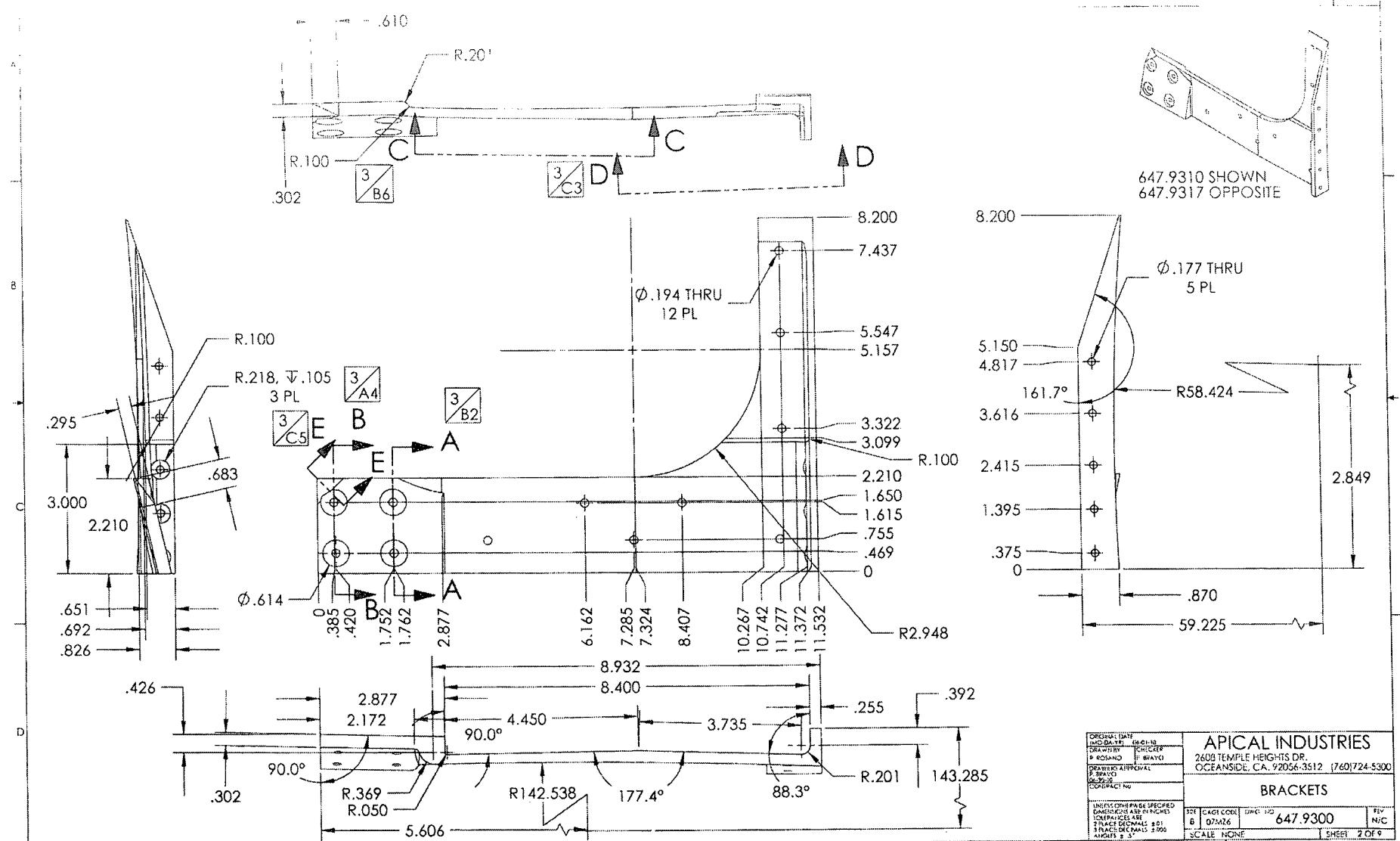
PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: 647.9317 RH BRACKET.SLDPRT, LAST MODIFIED 06-22-10.

UNINCORPORATED ECN(s)

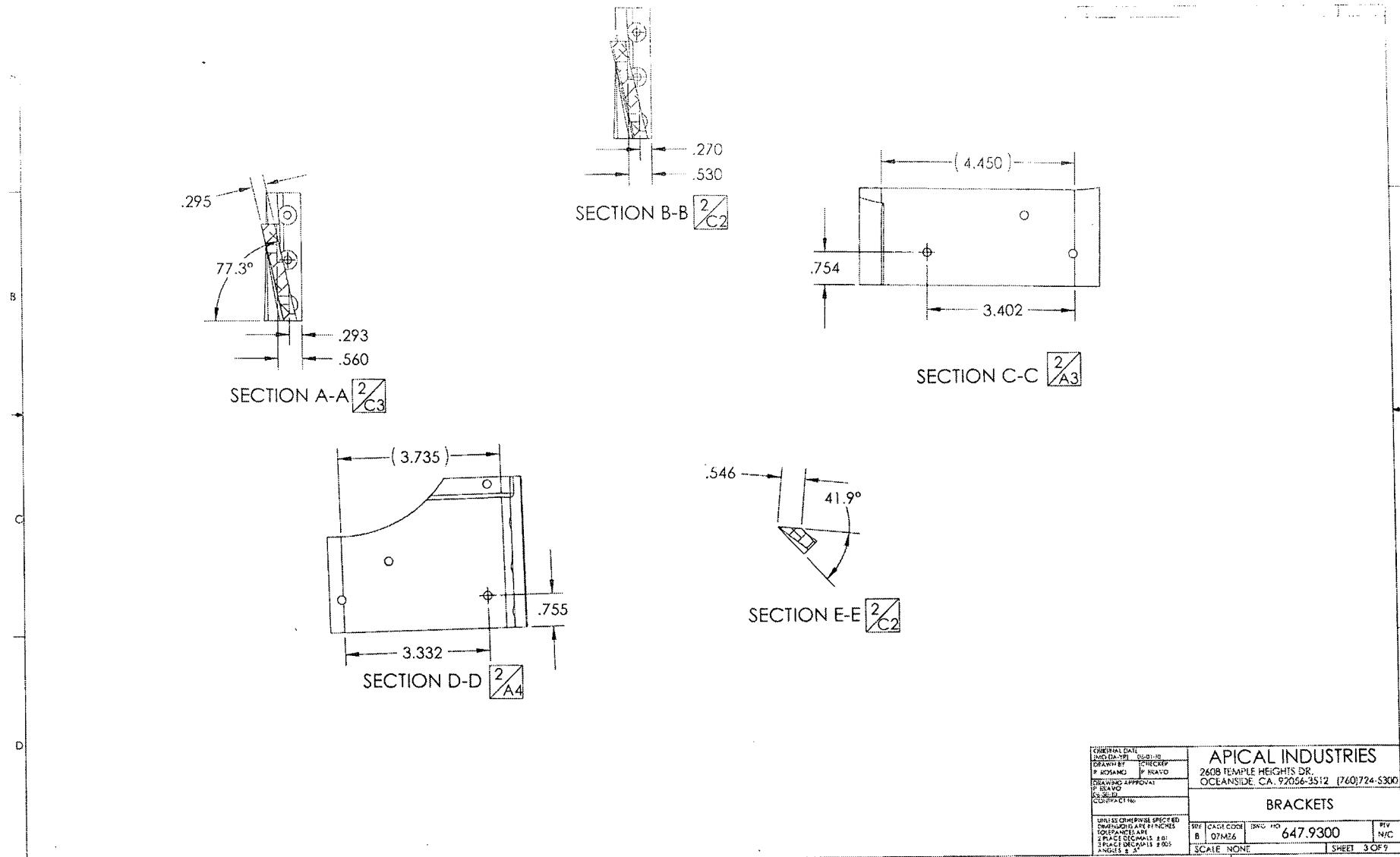
03209, 03706

	647.9317	RH BRACKET		
	647.9316	CROSSBAR		
	647.9315	RECEPTACLE		
	647.9314	RETAINER		
	647.9313	BRACKET		
	647.9312	BRACKET		
	647.9311	SUPPORT		
	647.9310	BRACKET		
		LH BRACKET		
			FIND #	PART #
			DESCRIPTION	MATL
				SPEC.
			PARTS LIST	
			APICAL INDUSTRIES	
			2609 TEMPLE HEIGHTS DR. OCEANSIDE, CA 92056-3512 (760)724-5300	
			BRACKETS	
			DRAWING APPROVAL BRAVO BPA V2 COMPLACIT	
			PRINTED ON 06-22-10 BY: CACI CODE: DWG. NO: 647.9300 REV: N/C B: 07M26	
			TOLERANCES ARE 3 SPACE DIA. ± .015 3 SPACE CTRAL ± .015 ANGLES ± 3° SCALE: NONE	
			1 SHEET 1 OF 4	

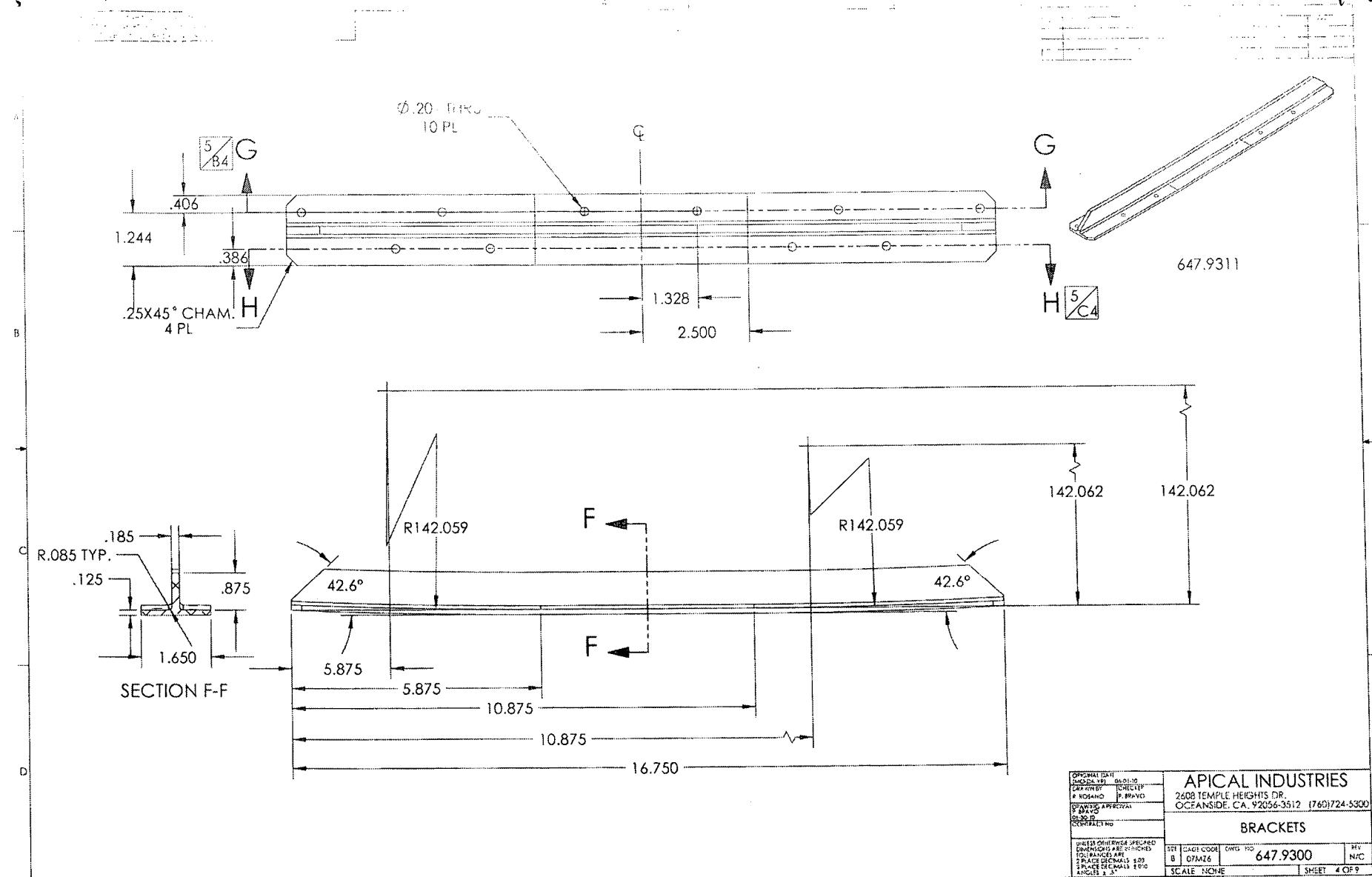
102944



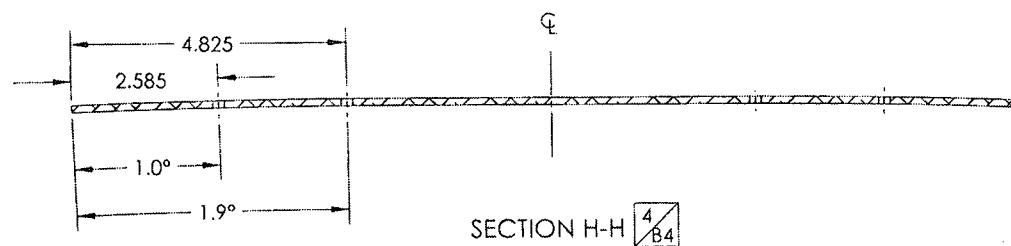
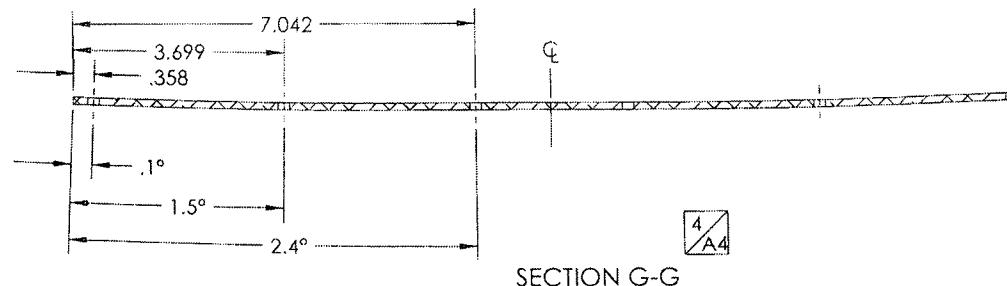
102944



102944

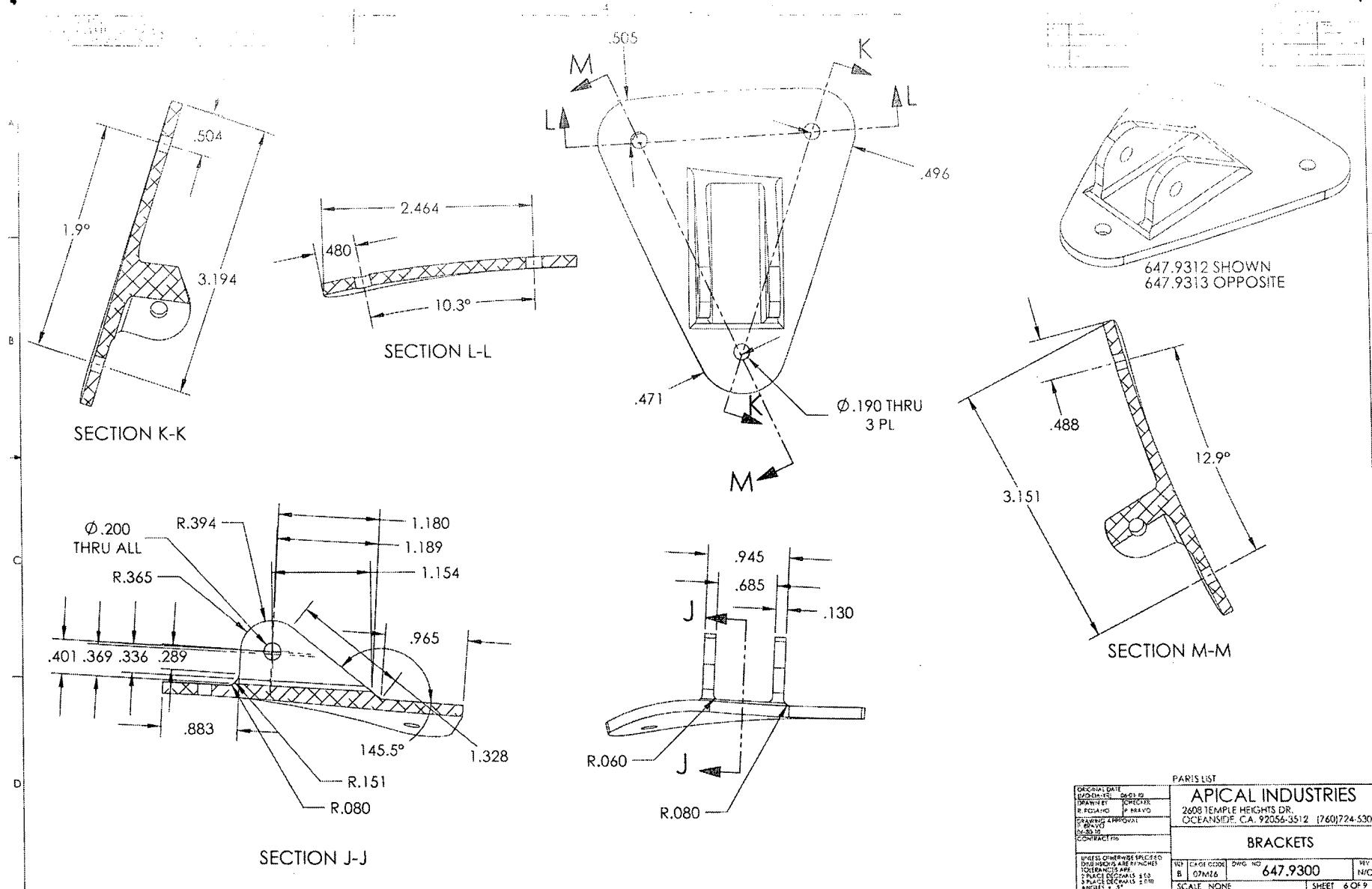


102944



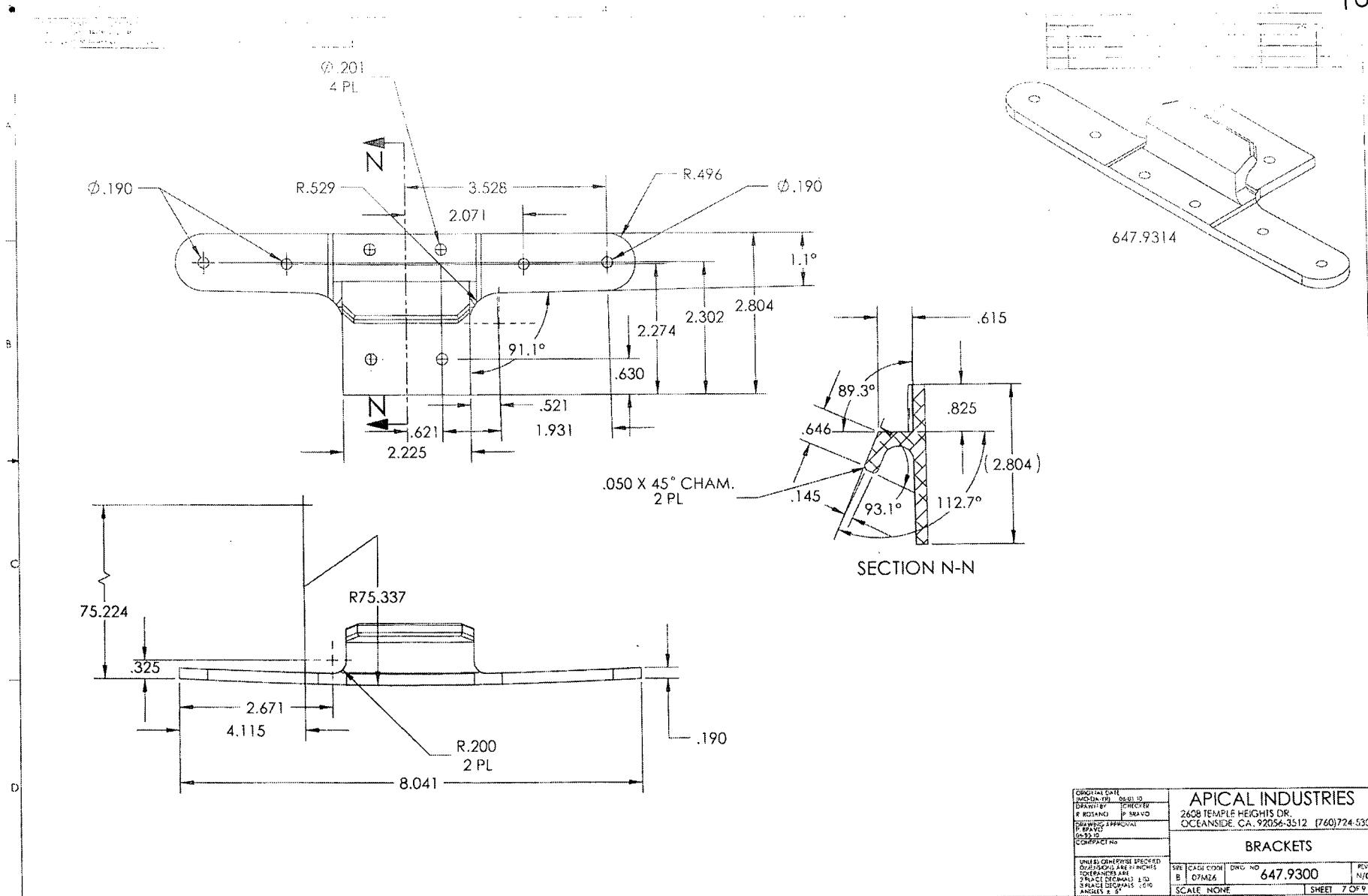
ORIGINAL DATE	10/20/01	DRAWING NO.	647.9300	APICAL INDUSTRIES
DESIGNER	G. HILL	REVISION		2608 TEMPLE HEIGHTS DR.
INSPECTOR	J. SAWYER	DATE ISSUED		OCEANSIDE, CA. 92056-3512 (760)724-5300
REVIEWER	P. FRAYO			
DRAWINGS APPROVED:				
P. FRAYO CONTRACTING CONTRACTING				
THIS DRAWING IS SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: +0.010 -0.005 3 PLACE DECIMALS ±0.005 ANGLE: ± 3°				
REV	N/C	DRWLS CODE	ENG. NO.	
B	07/16		647.9300	
SCALE	NONE	SHEET	5 OF 9	

102946



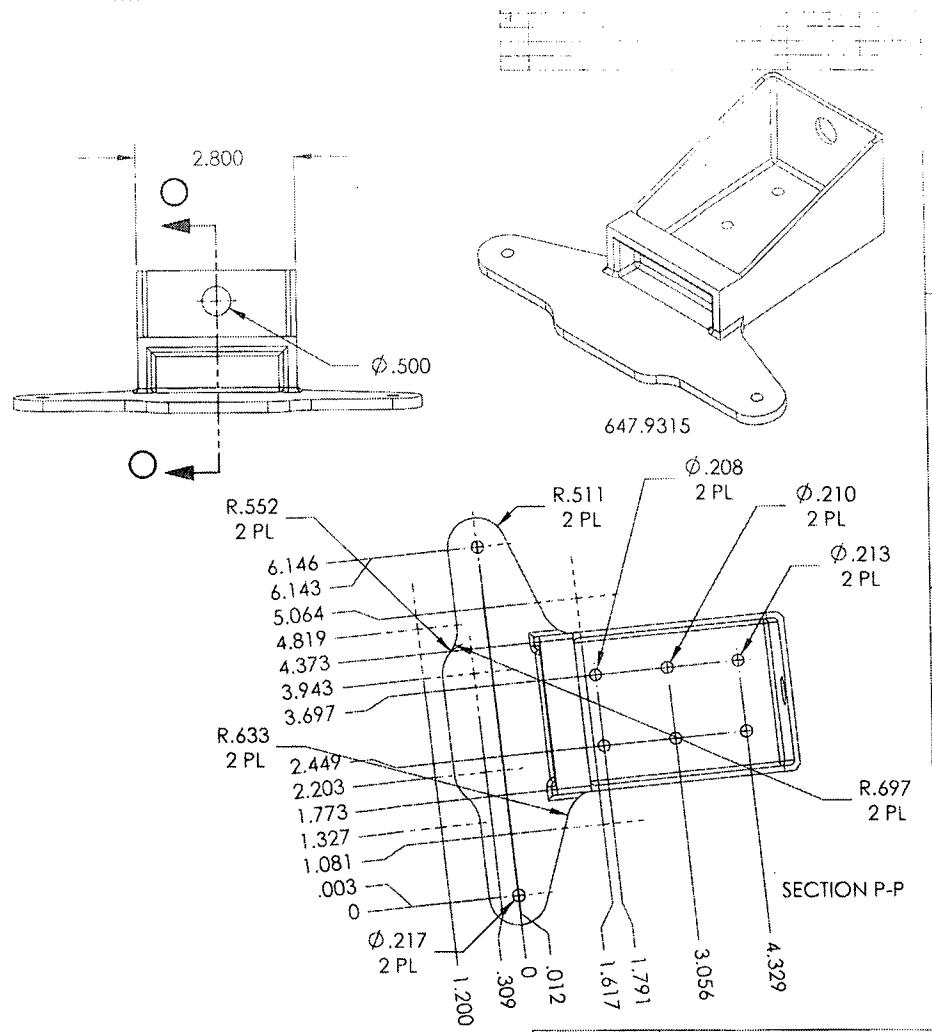
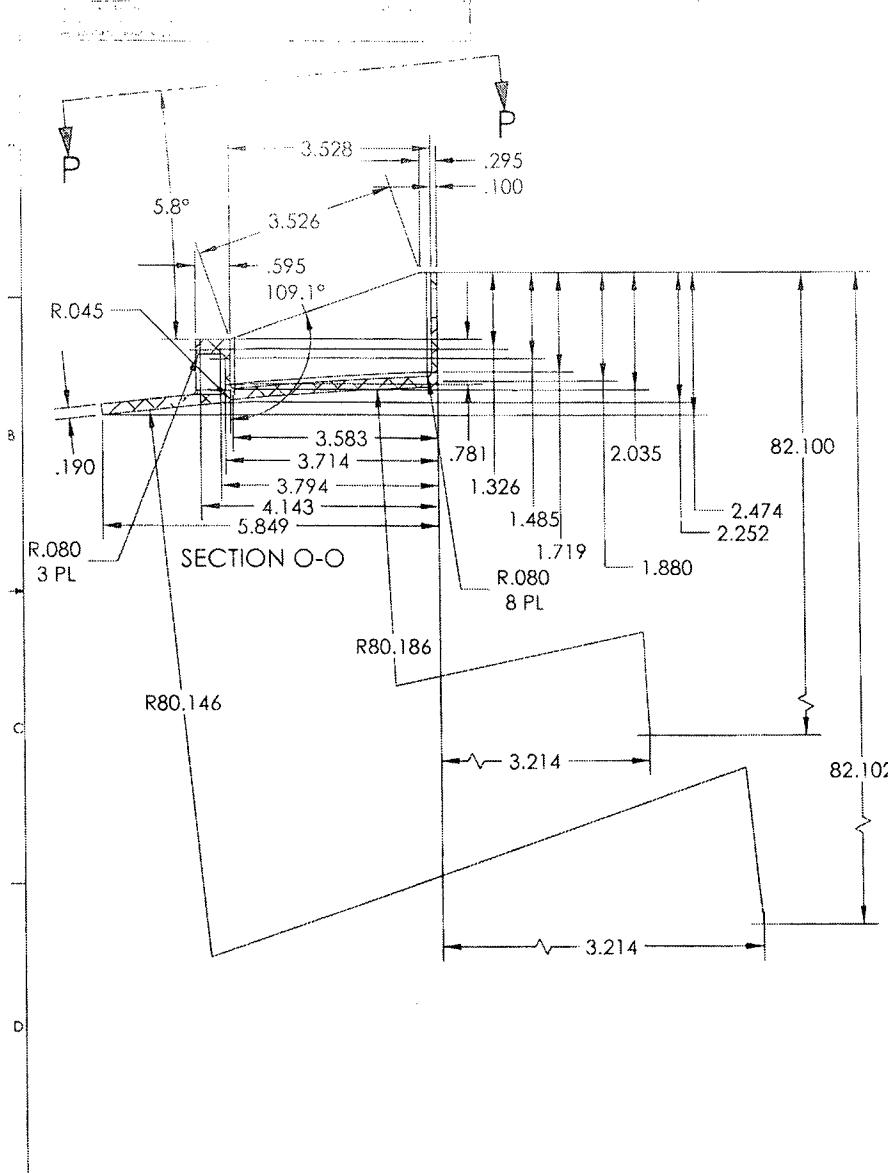
PARTS LIST		APICAL INDUSTRIES	
DRAWING DATE 10/01/15		647.9300	
DESIGNER: A.F. SCHAFFNER R.F.C. APPROV: P. BRAVO			
DRAWING APPROVAL R.F.C. DRAFTED BY: CONTRACTOR:			
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES TOLERANCES ARE: .003 FOR LENGTHS & WIDTHS .003 PLACE DECIMALS ± 0.00 ANGLES ± 3°			
NO. OF CAGE CODES	DRAWING NO.	REV.	
B. 0701A	647.9300	N/C	
SCALE: NONE	SHEET: 6 OF 9		

162946



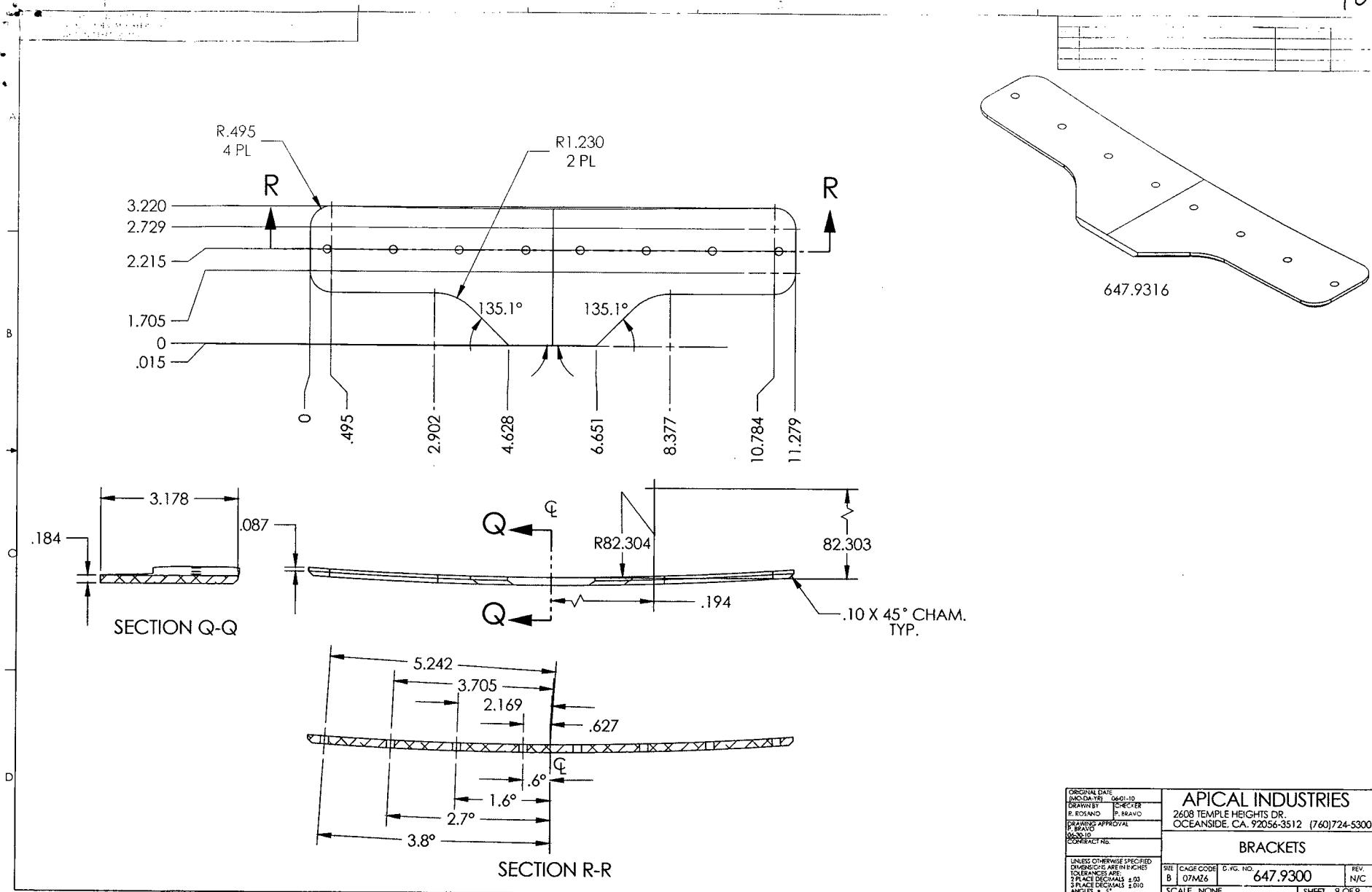
ORIGINAL DATE 05-01-10	APICAL INDUSTRIES
DRAWN BY P. BRAVO	2608 TEMPLE HEIGHTS DR, OCEANSIDE, CA, 92056-3512 (760)724-5300
REVIEWED BY P. BRAVO	
APPROVED BY P. BRAVO	
COMPUTER CHECKED P. BRAVO	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS. ANGLES ARE IN DEGREES. TOLERANCES ARE 2 RADIi DEGREES 1.00 1.00 DEGREE 1.00 ANGLES ± 5°	REV N/C
SPEC B 07M2A	DOC NO 647.9300
SCALE NONE	HEET 7 OF 9

162940



DRAWING DATE: 10/20/01	CHG. NO.: 0	APICAL INDUSTRIES
DESIGNER: R. ROGERS	CHECKED:	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA 92056-3512 (760)724-5300
REVIEWER: R. ROGERS	APPROVED:	
DATE: 10/20/01	SUPERVISOR:	
UNITS: INCHES AND SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 2 PLACE DECIMALS ± .03 ANCHOR 1/8"	B	CAGE CODE: 647.9300
	CAGE CODE: 07M26	REV: N/C
	SCALE: NONE	SHEET 8 OF 9

102946



ORIGINAL DATE (MO/DA/YR)	04/11/04	DRAWING NO.	APICAL INDUSTRIES
DESIGNER	P. BRAVO	2608 TEMPLE HEIGHTS DR.	OCEANSIDE, CA 92056-3512 (760)724-5300
REVIEWER	P. BRAVO	BRACKETS	
APPROVAL	P. BRAVO	CONTRACT NO.	
CONTRACT NO.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE: 2 PLACE DECIMALS ± .00 3 PLACE DECIMALS ± .010 ANGLES ± 3°	
SHEET	CAGE CODE	D. V.G. NO.	REV. N/C
9 OF 9	B 07M26	647.9300	
	SCALE NONE		



Ottawa, Ontario
K1B 4S6

Phone # 613-899-2405

Packing Slip

Date	Invoice #
9/5/2013	691

Ship To

Main Finished Goods Location
Dart Aerospace
1270 Aberdeen Street
Hawkesbury, Ontario
K6A 1K7

P.O. No.	Ship	Via	FOB	Project
20439	9/5/2013	Federal Express	Archer	

Qty	Item Code	Description
5	Sales	647.9314P - Retainer Bracket HST (ON) on sales



2228 Gladwin Cres.
Ottawa, Ont.
K1B 4S6

Telephone (613) 899-2405
Fax (613) 226-1719

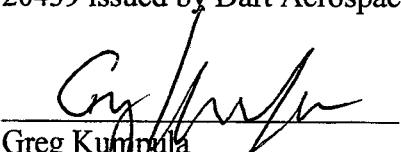
Certificate of Compliance

To:
Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury Ont.
K6A 1K7

5 September 2013

Po Number	Part Number	Quantities
20439	647.9614P	5

It is hereby certified that all articles mentioned above are in conformance with the requirements, specification and drawings as listed on customer purchase order number, 20439 issued by Dart Aerospace Inc.



Greg Kumpula
Quality Inspector
Archer Precision Inc.
2228 Gladwin Cres.
Ottawa, Ontario
K1B 4S6



A.T.G. Industries Inc.
731, rue Industrielle Rd.
PLATING DEPARTMENT
Rockland, On K4K 1T2
Canada
Ph: (613) 446-4544
Fax: (613) 446-4556

Pack List

Number: 62633

Date: 20-Sep-13

To

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7
Canada

Ship To

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7
Canada

Ph: 613-632-5200

Fax: 613-632-1185

Ph: 613-632-5200

Fax: 613-632-1185

Terms		Ship Via
Quantity	Description	
1 lot	Part: ASST 6 PCS 646-3313 5 PCS 647.9314 HARD ANODIZE BLACK MIL-A-8625 TYPE III CLASS 2 PRIME MIL-P-23377J TYPE I CLASS N Job: 20130585	Rev: Line:
Certificate of Conformance A.T.G. Industries certifies that all items in this shipment are in conformance with all requirements, specifications and drawings referenced in the purchase order.		
ISO 9001 : 2008 REGISTERED ATG SALES-2010 TERMS APPLY DATE: <u>20/9/13</u>		
CERTIFIED SIGNATURE: <u>[Signature]</u>		
RECEIVER SIGNATURE: _____		